

Aster 3 inch Interchangeable Module

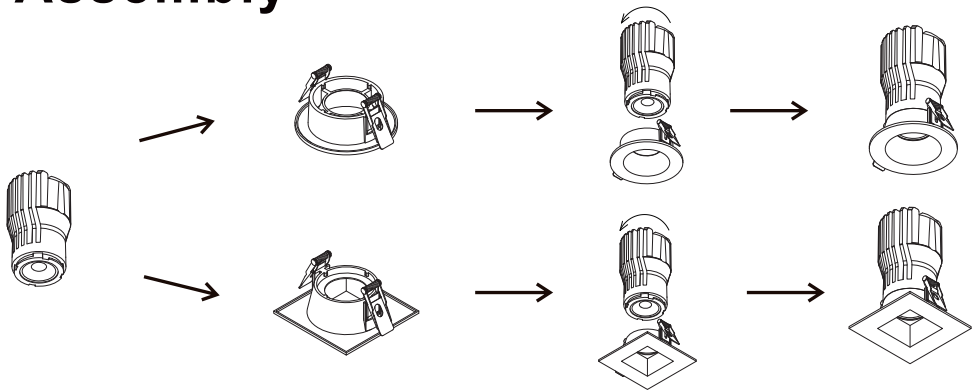
Installation Instructions

-  **IMPORTANT** Read all instructions before installing plate. Retain for future reference.
-  **SAFETY:** Turn the power at off main fuse/breaker panel before attempting any electrical work. This luminaire must be wired in accordance with local electrical cades and ordinances. Grounding connections should be done in the detachable junction box.
-  **WARNING:** Make sure the power is OFF from the electrical panel before starting or installation attempting any maintenance.

| DRIVER   | Model                 | G-96022                                                                 | G-96023         | G-96024         |
|----------|-----------------------|-------------------------------------------------------------------------|-----------------|-----------------|
|          | Input                 | 120-277 V AC 50/60Hz                                                    |                 |                 |
|          | Output                | 33-38V DC 210mA                                                         | 33-38V DC 350mA | 33-38V DC 570mA |
|          | Lamp Life             | 50000 Hours                                                             |                 |                 |
|          | Operating Temperature | -40°C to +40°C                                                          |                 |                 |
|          | Dimming               | Triac dimming (120V AC input only)<br>0-10V dimming (120-277V AC input) |                 |                 |
| LIGHT    | Energy used           | 9W                                                                      | 15W             | 24W             |
|          | Luminous Flux         | 850LM                                                                   | 1400 LM         | 2100LM          |
|          | Equivalent to:        | 75W halogen                                                             | 165W halogen    | 210W halogen    |
|          | CCT Options           | 27K-30K-35K-40K-50K                                                     |                 |                 |
|          | Beam Angle            | 40 Degree                                                               | 60 Degree       |                 |
|          | CRI                   | Ra>90                                                                   |                 |                 |
|          | Approved Location     | Wet                                                                     |                 |                 |
| MOUNTING | Wire Space            | 12 Cubic inch                                                           |                 |                 |
|          | OD                    | 3.7"(94mm)                                                              |                 |                 |
|          | ID                    | 2.36"(60mm)                                                             |                 |                 |
|          | Thickness             | 3.54"(90mm)                                                             | 5.43"(138mm)    |                 |
|          | Cut Out               | 2.95"(75mm)                                                             |                 |                 |

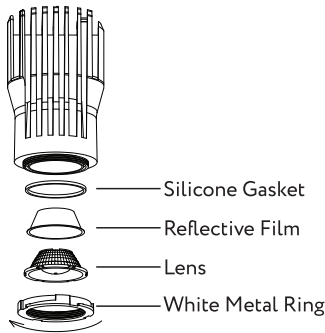
| Dimmer Compatibility List<br>for LED Recessed Lights. Dimmble down to 10% |                    |             |          |         |         |         |
|---------------------------------------------------------------------------|--------------------|-------------|----------|---------|---------|---------|
| Brand                                                                     | Family             | Model       | Load (W) | G-96022 | G-96023 | G-96024 |
| LUTRON                                                                    | Skylark<br>Contour | LECL-153P   | 150W     | 1-16    | 1-9     | 1-6     |
|                                                                           |                    | CTCL-150H   | 150W     | 1-16    | 1-9     | 1-6     |
|                                                                           |                    | LGCL-153PLH | 150W     | 1-16    | 1-9     | 1-6     |
|                                                                           |                    | CTCL-153P   | 150W     | 1-16    | 1-9     | 1-6     |
|                                                                           |                    | SCL-153P    | 150W     | 1-16    | 1-9     | 1-6     |
|                                                                           |                    | S-600P      | 600W     | 1-22    | 1-13    | 1-8     |
|                                                                           | Caseta             | PD-6WCL     | 600W     | 1-22    | 1-13    | 1-8     |
|                                                                           |                    | PD-5NE      | 150W     | 1-16    | 1-9     | 1-6     |
|                                                                           |                    | PD-10NXD    | 250W     | 1-22    | 1-13    | 1-8     |
|                                                                           | DIVA               | DVCL-153P   | 150W     | 1-16    | 1-9     | 1-6     |
|                                                                           | Toggler            | TGCL-153P   | 150W     | 1-16    | 1-9     | 1-6     |
|                                                                           | Ariadni            | AYCL-153P   | 150W     | 1-16    | 1-9     | 1-6     |
| LEVITON                                                                   | Maestro            | MACL-153M   | 150W     | 1-16    | 1-9     | 1-6     |
|                                                                           | Illumatech         | IPL06       | 150W     | 1-16    | 1-9     | 1-6     |
| EATON                                                                     | SureSlide          | 6672        | 150W     | 1-16    | 1-9     | 1-6     |
|                                                                           | Smart Dimmer       | AAL06       | 300W     | 1-22    | 1-13    | 1-8     |

Fixture Assembly



Changing Different Beam Angle Lens

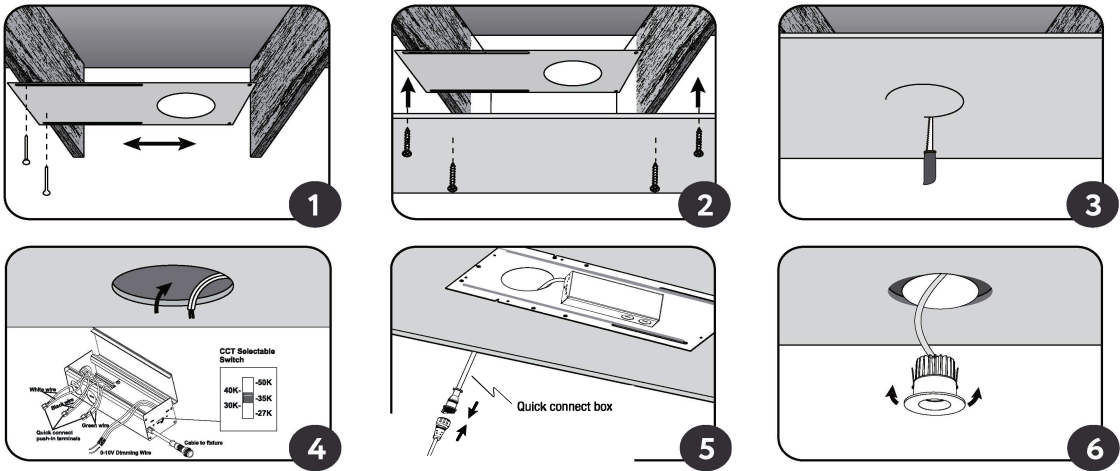
(Remark: The default lens' beam angle is 60degree,other beam angle lens are not included)



- 1.Twist the white metal ring anticlockwise and take out the default lens.
- 2.Install your target beam angle lens back to the module and make sure other parts on their original position.
- 3.Twist the white metal ring clockwise to fixing the lens well.

Installation

- 1. Nail-in the mounting plate to the ceiling joist. Measure the position of the opening on the mounting plate from each wall. (Fig.1)
- 2. Install the drywall on to the ceiling. (Fig.2)
- 3. Cut-out a circle where the mounting plate opening is located. (Fig.3)
- 4. Pull the supply wire through the cut-out hole. Do the electrical supply connection in the detachable junction box (Note: A licensed electrician must do the connections as per the local electrical code). Insert the junction box into the ceiling. (Fig.4)
- 5. Do the connection to the luminaire and close the quick connect box. (Fig.5)
- 6. **New construction applications:** Hardwire box shall be firmly secured to studs, joists, or similar fixed structural units
- 7. **Remodel applications:** Do not require the hardwire box to be firmly secured after the mounting plates, studs, joists, or structural units that have been concealed. snap off the hardwire box tabs then insert into ceiling FIG 4
- 8. Push the spring clips upwards and push the luminaire into the cut hole of the ceiling. Release the spring clips and align the luminaire to sit properly over the ceiling cut hole. (Fig.6)
- 9. Switch on the supply breaker and turn on the luminaire.



**Triac DIMMING (120V only):** We recommended LED/CFL dimmers that have a low range adjustment dial. After all fixtures are connected to the dimmer, adjust the dial to the lowest position before the lights start to flicker or shut down. This setting depends on the local voltage and number of fixtures per dimmer. For a typical LED dimmer rated for 150W LED load the maximum number of fixtures per dimmer.

**0-10V DIMMING (120-277V AC):** The dimming control wires are Grey/Pink wire (dim-) and Purple wire (dim+). Please connect the 0-10V dimmer and the driver purple wire to purple wire and Grey/Pink wire to Grey/Pink wire with the supplied block.

**WARNING: DO NOT USE ANY OTHER DRIVERS EXCEPT THE DRIVERS THAT ARE INCLUDED WITH THE FIXTURE. DO NOT CONNECT MULTIPLE FIXTURES TO ONE DRIVER. DO NOT OPEN THE LIGHT FIXTURE OR THE SIDE PLATES OF THE DRIVER - NO SERVICEABLE PARTS INSIDE.**

MANUFACTURER’S LIMITED WARRANTY

Your Product, when delivered to you in new condition and in original packaging, is warranted against defects in materials and workmanship as follows for a period of 3 years from the date of the original purchase. Defective products returned and proven to be defective upon inspection will be repaired, replaced with a new Product or a credit will be issued against original invoice at the discretion of manufacturer.

To avoid any doubt, “the replacement Product” does not include any removal or installation costs or expenses, including without limitation labor costs or expenses, shipping costs to return defective products or any damages that may occur during the return of product. This limited warranty is subject to the following additional conditions:

- 1. Products must have been installed and operated in accordance with manufacturer’s instructions.
- 2. Products have not been subjected to accident, neglect, abuse, misuse, lightning, electrical surges or acts of God.
- 3. The Product has been purchased directly from an authorized distributor.
- 4. Purchase receipt or invoice is available for inspection.
- 5. This warranty is limited to Products purchased for use in regions that are within jurisdiction of Canada and USA.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

THE FOREGOING WARRANTY IS EXCLUSIVE, AND THE SOLE REMEDY FOR ANY AND ALL CLAIMS. IN NO EVENT WILL THE MANUFACTURER BE LIABLE FOR ANY SPECIAL, COMPENSATORY, INDIRECT, PUNITIVE, OR INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, WHETHER OR NOT THE MANUFACTURER HAS BEEN ADVISED OF THE POSSIBILITY THEREOF.

Compatible fixtures/luminaires compatibles

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